## **EAST Search History**

| Ref<br># | Hits  | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|--|---------------------|---------|------------------|
| L1       | . 1   | "20060146420".pn.  | US-PGPUB;<br>USPAT   | OR                  | ÓN      | 2006/10/15 22:45 |
| L4       | 6     | 2 and (f3/fw ("f.sub.3" near2 "f.sub.<br>w"))  | US-PGPUB;<br>USPAT   | OR                  | ON.     | 2006/10/15 23:13 |
| L2       | 39    | 359/686-688.ccls. and<br>@pd>="20060510"   | US-PGPUB;<br>USPAT   | OR                  | ON      | 2006/10/15 23:14 |
| L6       | 34333 | (aspheric\$2 (non near2 spheric\$2))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/10/15 23:18 |
| L5       | 973   | (((variable adj2 (foc\$2 focus\$3)) zoom\$3 vari\$foc\$2) adj2 (lens\$2 system\$1)) SAME ((first NEAR2 (group unit component)) NEAR2 (positive converg\$3 convex bi\$convex)) SAME ((second NEAR2 (group unit component)) NEAR2 (negative diverg\$3 concave bi\$concave)) SAME (((third NEAR2 (group unit component)) NEAR2 (group unit component)) NEAR2 (positive converg\$3 convex bi\$convex)) OR ((third NEAR2 (group unit component)) NEAR2 (negative diverg\$3 concave bi\$concave))) SAME ((fourth NEAR2 (group unit component)) NEAR2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/10/15 23:18 |
| L3       | 5     | 2 and (f3/f4 ("f.sub.3" near2 "f.sub.<br>4"))  | US-PGPUB;<br>USPAT   | OR<br>·             | ON      | 2006/10/15 23:18 |
| L8       | 134   | 5 and 6 and 7  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2006/10/15 23:19 |
| L7       | 25890 | (f3 "f.sub.3") and (f4 "f.sub.4")  | US-PGPUB;<br>USPAT   | OR                  | ON      | 2006/10/15 23:19 |

## **EAST Search History**

| Ref<br># | Hits  | Search Query   | DBs      | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|----------|---------------------|---------|------------------|
| L10      | 54    | 9 and ((aspheric\$2 (non near2 spheric\$2))).clm.  | US-PGPUB | OR                  | ON      | 2006/10/15 23:27 |
| L9       | . 115 | ((((variable adj2 (foc\$2 focus\$3)) zoom\$3 vari\$foc\$2) adj2 (lens\$2 system\$1)) SAME ((first NEAR2 (group unit component)) NEAR2 (positive converg\$3 convex bi\$convex)) SAME ((second NEAR2 (group unit component)) NEAR2 (negative diverg\$3 concave bi\$concave)) SAME (((third NEAR2 (group unit component)) NEAR2 (positive converg\$3 convex bi\$convex)) OR ((third NEAR2 (group unit component)) NEAR2 (group unit component)) NEAR2 (negative diverg\$3 concave bi\$concave))) SAME ((fourth NEAR2 (group unit component)) NEAR2 (group unit component)) NEAR2 (positive converg\$3 convex bi\$convex))).clm. | US-PGPUB | OR                  | ON      | 2006/10/15 23:27 |
| L12      | 11    | 10 and ((f3 "f.sub.3") and (f4 "f. sub.4")).clm.   | US-PGPUB | OR                  | ON      | 2006/10/15 23:28 |